

**106.1 - Metal (Inorganics) Constituents in Natural Matrices (liquid and solid forms)**

Also see:

[105.13 Lead in Paint, Dust, Soil](#)  
[108.2 Metal Constituents in Fossil Fuels \(liquid forms\)](#)  
[108.3 Sulfur and Mercury in Fossil Fuels](#)  
[108.6 Fossil Fuel Trace Elements \(solid forms\)](#)  
[110.1 Foods and Beverages](#)  
[110.3 USA/Canada Collaborative Materials](#)  
[111.2 Ores](#)  
[111.4 Clay](#)  
[111.5 Rocks and Minerals](#)  
[111.7 Soils, Sediments, and Sludges](#)

These SRMs and RM are for analysis of materials of health or environmental interest. [Also see Categories 105 and 111.]

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit Size	Elemental Composition
1640a	Trace Elements in Natural Water	1 bottle x 250 mL	22 elements certified <i>7 reference values</i>
1641d	Mercury In Water	10x10 mL	1 element certified
1643e	Trace Elements in Water	250 mL	29 elements certified (1 information value)
1646a	Estuarine Sediment	70 g	20 elements certified
1648a	Urban Particulate Matter	2 g	24 elements certified <i>8 reference values</i> (6 information values)
1944	New York/New Jersey Waterway Sediment	50 g	9 elements certified <i>20 reference values</i>
1946	Lake Superior Fish Tissue	5 x 7-9 grams	3 elements certified <i>9 reference values</i>
1947	Lake Michigan Fish Tissue	5 x 8 grams	8 elements certified <i>42 reference values</i>
2385	Slurried Spinach	4x70 g	7 elements certified
2387	Peanut Butter	3 x 170 g	9 elements certified plus numerous non-elemental constituents
2451	Fine Carbon (Activated) - From Cyanide Ore Leaching	100 g	1 element certified (Hg) <i>1 reference value (Au)</i>
2583	Trace Elements in Indoor Dust	8 g	5 elements certified
2584	Trace Elements in Indoor Dust	8 g	5 elements certified <i>10 reference values</i>
2586	Trace Elements in Soil (contains lead from paint)	55 g	4 elements certified <i>18 reference values</i>
2587	Trace Elements in Soil (contains lead from paint)	55 g	4 elements certified <i>14 reference values</i>
2702	Inorganics in Marine Sediment	50 g	25 elements certified 8 reference values
2703	Sediment for Solid Sampling (Small, Sample) Analytical Techniques	5 g	22 elements certified <i>7 reference values</i> (9 information values)
2709a	San Joaquin Soil	50 g	19 elements certified <i>15 reference values</i> (10 information values)
2710a	Montana I Soil	50 g	22 elements certified <i>13 reference values</i> (13 information values)
2711a	Montana II Soil	50 g	25 elements certified <i>8 reference values</i> (12 information values)
SRM	Description	Unit of Issue	Elemental Composition
2780	Hard Rock Mine Waste	50 g	12 elements certified <i>7 reference values</i>

Certified values are normal font.

Reference values are italicized.

Values in parentheses are for information only.

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2781	Domestic Sludge	40 g	10 elements certified
2782	Industrial Sludge	70 g	10 elements certified <i>16 reference values</i>
2783	Air Particulate on Filter Media	2 +2 Blnk (47 mm dia)	18 elements certified; 9 ref values
2855	Additive Elements in Polyethylene	3 bottles	Level I (12 info values) Level II & III 7 cert values 1 ref value, (4 info values)
2976	Mussel Tissue (Trace Elements & Methylmercury) Freeze-dried	25 g	8 elements certified <i>20 reference values</i> (3 information values)
8704	Buffalo River Sediment	50 g	<i>25 reference values</i>
8785	Air Particulate Matter on Filter Media	3 filters	<i>1 reference value</i>
8786	Filter Blank for RM 8785	filter	(1 information value)

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